In re Application of HEILBRON et al.
Serial No. 09/609,001

Listing of the Claims:

1.   (currently amended) A client-side computer-implemented method comprising:

fetching a current web page, the current web page including one or more links, each link pointing to a web page;

fetching contemporaneous information from each linked web page, the information regarding the web page to which each link points, wherein the information is stored separately from the current web page;

assembling relational information based on the contemporaneously fetched information from each linked web page and based on previously stored historical information, the relational information including at least one newly generated historical relationship between the contemporaneously fetched information and the previously stored information regarding a user of the client-side computer;

displaying the current web page; and,

displaying an informational region in response to a cursor hovering over a particular link of the one or more links, the region including the contemporaneous information previously fetched regarding the web page to which the link points and the relational information previously assembled.

2.   (original) The method of claim 1, wherein displaying the informational region comprises displaying the informational region by the link.

2

In re Application of HEILBRON et al.
Serial No. 09/609,001

3.   (original) The method of claim 1, wherein the method is such that a

user is able to retrieve the information regarding the web page without selecting the

link and committing to downloading the web page.

4.   (original) The method of claim 1, wherein the informational region

comprises a text box apparently floating near the link.

5.   (original) The method of claim 1, wherein the information regarding

the web page includes at least one of: keywords of the web page; paragraph

headings of the web page; links on the web page to other web pages.

6.   (previously presented) The method of claim 1, wherein the relational

information includes at least information based on a user's relationship to the web

page.

7.   (previously presented) The method of claim 6, wherein the relational

information based on the user's relationship to the web page includes the user's

prior web browsing history for the web page.

8.   (previously presented) The method of claim 1, wherein the relational

information includes at least information based on a user relative to the web page.

3

In re Application of HEILBRON et al.
Serial No. 09/609,001

9.   (previously presented) The method of claim 8, wherein the relational

information based on the user relative to the web page includes whether the user is

likely to be interested in browsing the web page.

10.   (original) The method of claim 1, wherein the information regarding

the web page includes at least information regarding whether the link is broken.

11.   (original) The method of claim 1, further comprising disabling the link

in response to determining that the web page includes content that a user is not

allowed to view.

12.   (original) The method of claim 1, further comprising displaying the

link in one of a number of colors based on a predetermined criteria.

13.   (currently amended) A machine-readable medium having instructions

stored thereon for execution by a client processor to perform a method comprising:

fetching a current web page, the current web page including one or more

links, each link pointing to a web page;

fetching contemporaneous information from each linked web page, the

information regarding the web page to which each link points, wherein the

information is stored separately from the current web page;

assembling relational information based on the contemporaneously fetched

information from each linked web page and based on previously stored historical

4

In re Application of HEILBRON et al.
Serial No. 09/609,001

information, the relational information including at least one newly generated

historical relationship between the contemporaneously fetched information and the

previously stored information regarding a user of the client-side computer;

   displaying the current web page; and

   displaying an informational region, in response to a cursor hovering over a

particular link of the one or more links, the region including the contemporaneous

information previously fetched regarding the web page to which the link points and

the relational information previously assembled.

   14.   (original) The medium of claim 13, wherein displaying the

informational region comprises displaying the informational region by the particular

link.

   15.   (original) The medium of claim 13, wherein fetching the information

regarding the web page to which each link points comprises retrieving the

information from a server on which the information is stored.

   16.   (original) The medium of claim 13, wherein fetching the information

regarding the web page to which each link points comprises retrieving the

information from a local cache in which the information is stored.

5

In re Application of HEILBRON et al.
Serial No. 09/609,001

17. (original) The medium of claim 13, wherein fetching the information regarding the web page to which each link points comprises retrieving the information from a proxy cache in which the information is stored.

18. (original) The medium of claim 13, wherein fetching the information regarding the web page to which each link points comprises:

sending a request to an entity for the information; and

returning the information by the entity in response to the entity determining that the information exists.

19. (original) The medium of claim 18, wherein fetching the information regarding the web page to which each link points further comprises, otherwise,

generating by the entity of the information for the web page; and,

returning the information by the entity.

20. (original) The medium of claim 18, wherein the entity comprises at least one of: a proxy cache, a local cache; and a server.

21. (original) The medium of claim 13, wherein the information for the web page to which each link points comprises at least one of: automatically generated content and manually generated content.

22. (currently amended) A computerized system comprising:

6

In re Application of HEILBRON et al.
Serial No. 09/609,001

at least one first entity storing web pages;

at least one second entity separate from the first entity storing information

regarding the web pages; and,

at least one client, each client able to browse web pages such that fetching

of a web page having one or more linked web pages from at least one first entity

causes the fetching of <u>contemporaneous</u> information from each of the one or more

linked web pages about the one ore more linked web pages from at least one

second entity and causes the assembling of relational information based on the

<u>contemporaneously</u> fetched information <u>and based on previously stored historical</u>

<u>information,</u> the relational information including at least one <u>newly generated</u>

historical relationship <u>between the contemporaneously fetched information and the</u>

<u>previously stored information regarding</u> a user of the client-side computer, the and

the client further operable such that positioning of a cursor over a link of a current

web page causes display of an informational region including information regarding

a web page to which the link points as stored on the at least one second entity and

causes display of the assembled relational information.

23.   (original) The system of claim 22, wherein the informational region is

displayed by the link.

24.   (original) The system of claim 22, wherein the second entity

comprises at least one of: a proxy cache; a local cache; and a server.

7

In re Application of HEILBRON et al.
Serial No. 09/609,001

25.   (currently amended) A computerized system comprising:

at least one first entity capable of storing web pages;

at least one second entity capable of providing summaries of the web

pages, wherein the summaries include at least one historical relationship between

a user of the first entity and a web page stored on the first entity;

at least one third entity capable of providing for a given web page stored by

the first entity, a list of all links on the web page and for each of the links, the

corresponding summary, provided by the second entity; and,

at least one client, each able to browse web pages such that fetching of a

web page from the at least one first entity causes fetching contemporaneous

information provided by the third entity and such that positioning of a cursor over a

link of a current web page causes display of an informational region including at

least one newly generated historical relationship that is based on previously stored

historical information and the contemporaneously fetched information regarding a

web page to which the link points.

8